

# **Welcome to the US 30 (Baseline Road) IL 47 to IL 31 Public Meeting**



# Registration



# Project Development Process



# Who's Involved



# Phase I Process



- Community Advisory Group Meeting

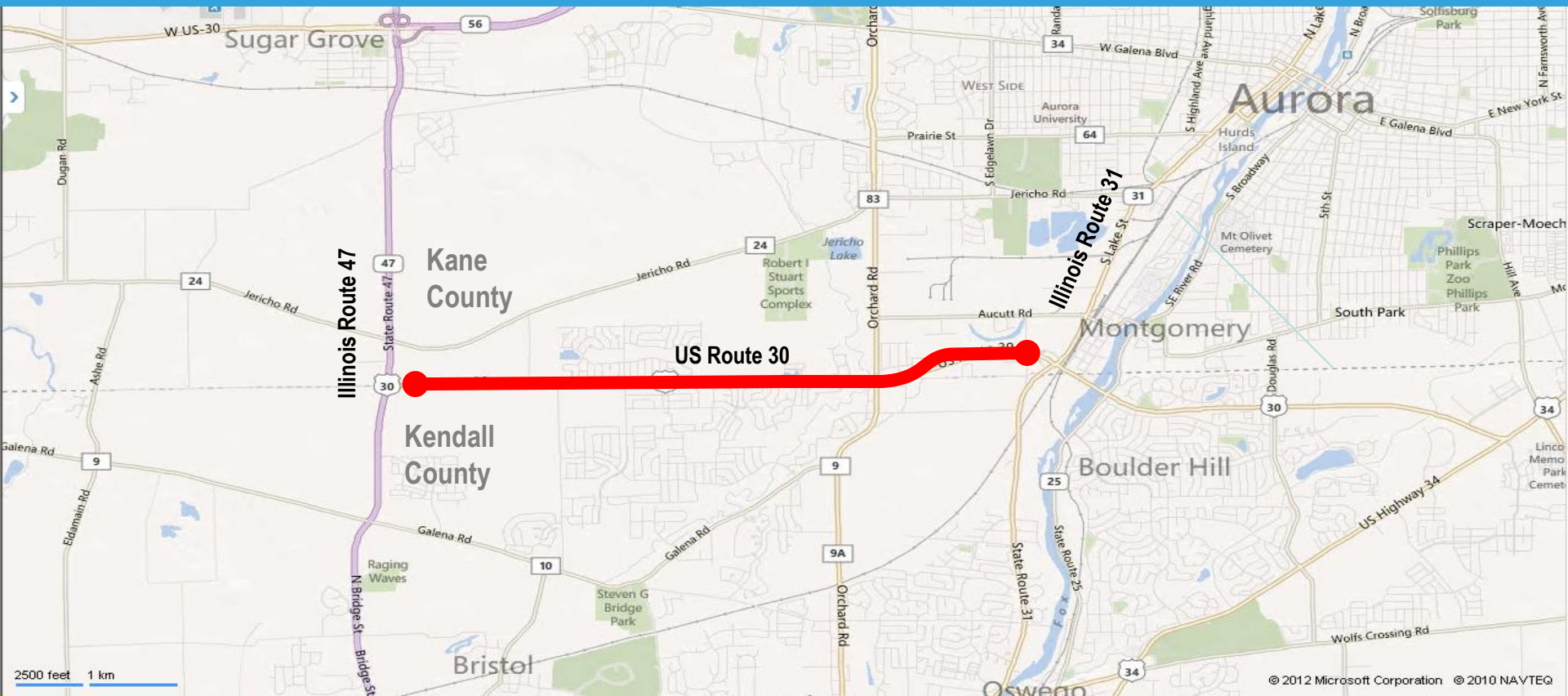
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- Tentatively Scheduled Meeting



Illinois Department  
of Transportation

# Study Location Map

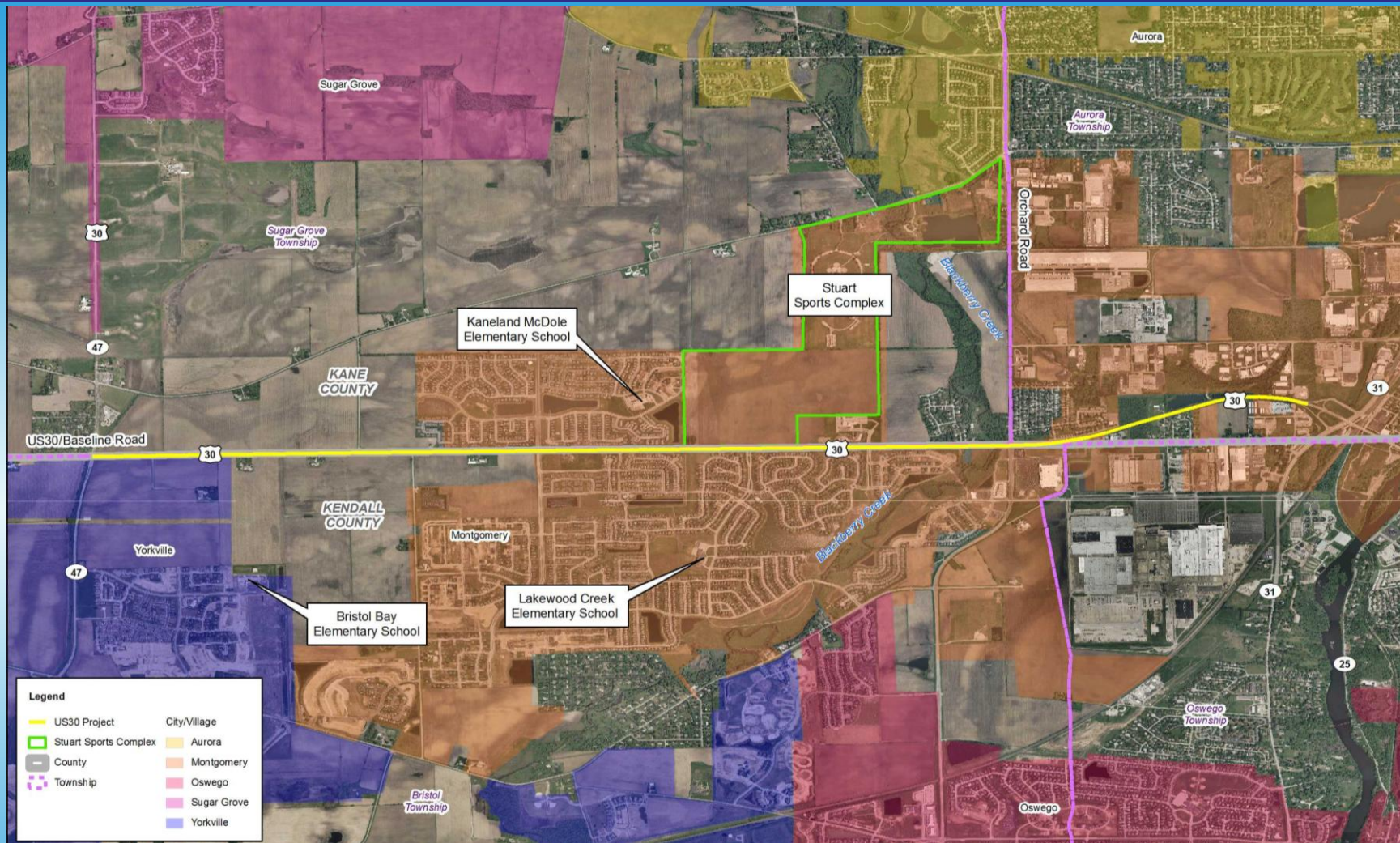


- Contains two counties, two communities, and four townships
- Notable Features: Stuart Sports Complex, Blackberry Creek, Recent Commercial & Residential Development





# Study Area



# What is Context Sensitive Solutions (CSS)?

## An approach that:

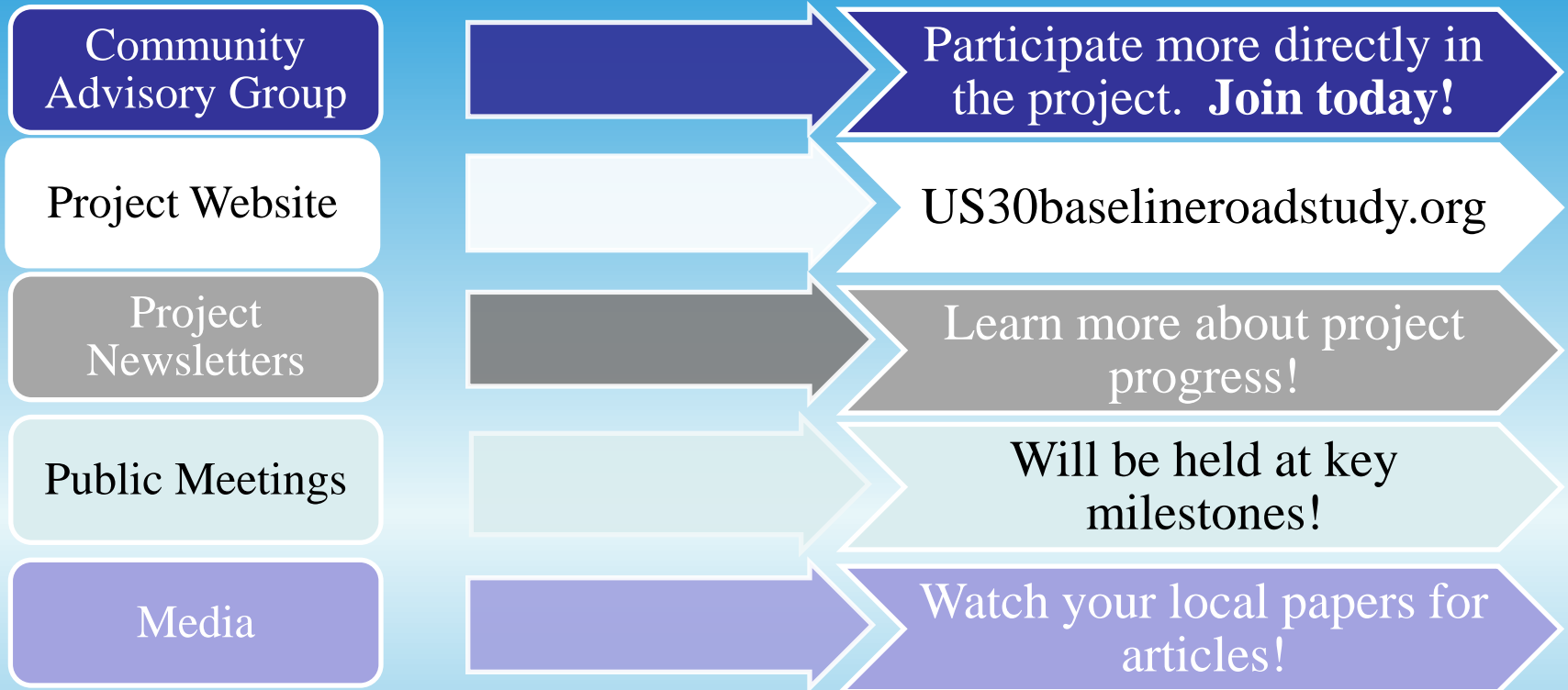
- Involves stakeholders early and often in development of a solution
- Focuses on developing and building projects that reflect their surroundings or “context”
- Focuses both on outcome (design) and process
- Considers various disciplines from the beginning of the project through construction



- **Frequent and meaningful communication**
- **Outreach guided by Stakeholder Involvement Plan**
- **Develop, build and maintain cost-effective transportation facilities**
- **Preserve and enhance community features**

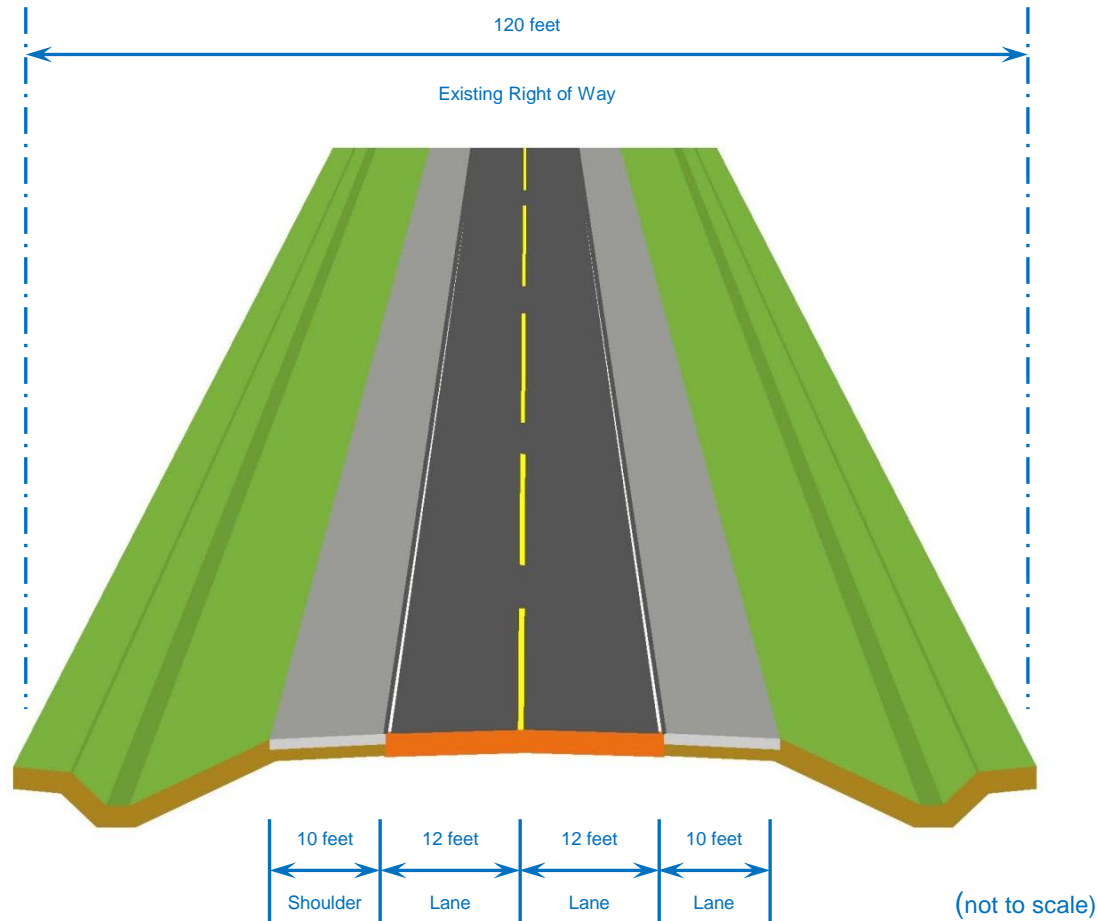


# Public Involvement Opportunities

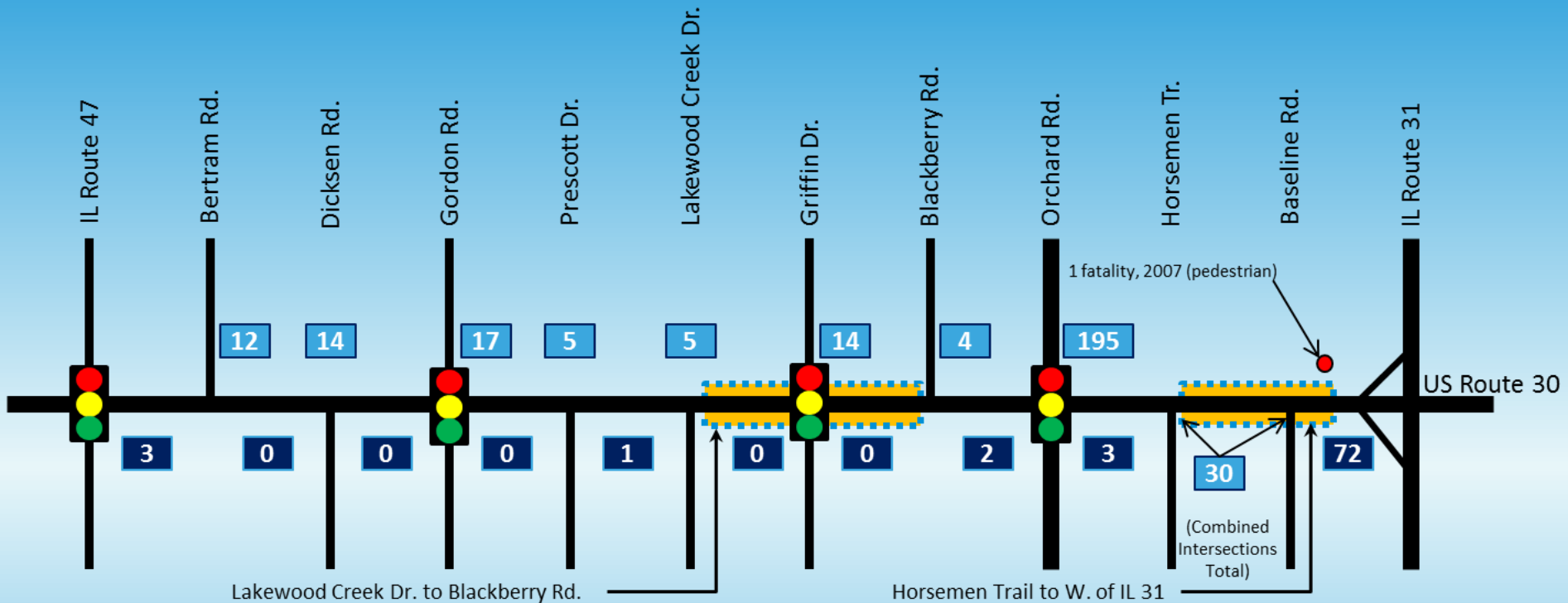


We encourage all who are interested to take part in the project. It is only through the participation of those who live and work in the area that the best possible project can be achieved.

# Existing Typical Section



# Crash Locations



Five-Year Crash Totals (2006-2010)

- 00 At Intersections
- 00 Between Intersection



Existing Signalized Intersection

Illinois Top 5% Crash Locations



2009 Top 5% Location



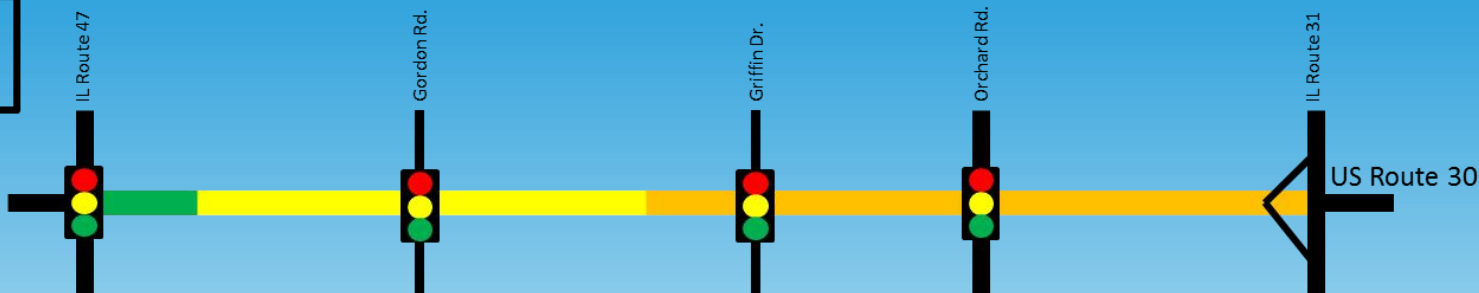
# Crash Types

COLLISION TYPE	YEAR					TOTAL	% OF TOTAL CRASHES
	2006	2007	2008	2009	2010		
Rear End	32	46	52	28	28	186	49.3%
Turning	18	28	19	11	13	89	23.6%
Fixed Object	6	6	5	11	5	33	8.8%
Head-on	1	4	6	6	2	19	5.0%
Sideswipe (Same Direction)	7	6	3	2	1	19	5.0%
Angle	2	4	5	0	2	13	3.4%
All Other	0	2	9	5	2	18	4.8%
<b>TOTAL</b>	<b>66</b>	<b>96</b>	<b>99</b>	<b>63</b>	<b>53</b>	<b>377</b>	<b>100%</b>

CRASH SEVERITY	YEAR					TOTAL
	2006	2007	2008	2009	2010	
"A" Injury (Incapacitating)	1	3	5	2	9	20
"B" Injury (Non-incapacitating)	8	34	15	13	10	80
"C" Injury (Reported, not apparent)	16	20	10	16	22	84
"K" (Fatality)	0	1	0	0	0	1
<b>TOTAL</b>	<b>25</b>	<b>58</b>	<b>30</b>	<b>31</b>	<b>41</b>	<b>185</b>

# Level of Service

**Existing Conditions**



## LEVEL OF SERVICE

**A**

*No congestion*

Traffic flows smoothly, speeds can be maintained, vehicles can maneuver freely, and vehicles can enter the roadway with little problem.



## LEVEL OF SERVICE

**B**

*No congestion*

Traffic flows smoothly. Speeds can generally be maintained, and the ability of a vehicle to maneuver is only slightly restricted.



## LEVEL OF SERVICE

**C**

*Minimal congestion*

Congestion begins to emerge as traffic flow and speeds are slightly restricted. Drivers must be more vigilant when changing lanes and passing.



## LEVEL OF SERVICE

**D**

*Moderate congestion*

Speeds and distances between vehicles are reduced, constricting traffic flow. Maneuvering within traffic stream is noticeably limited.

## LEVEL OF SERVICE

**E**

*Severe Congestion*




The roadway is reaching capacity. Vehicle speeds and spacing are severely restricted.

## LEVEL OF SERVICE

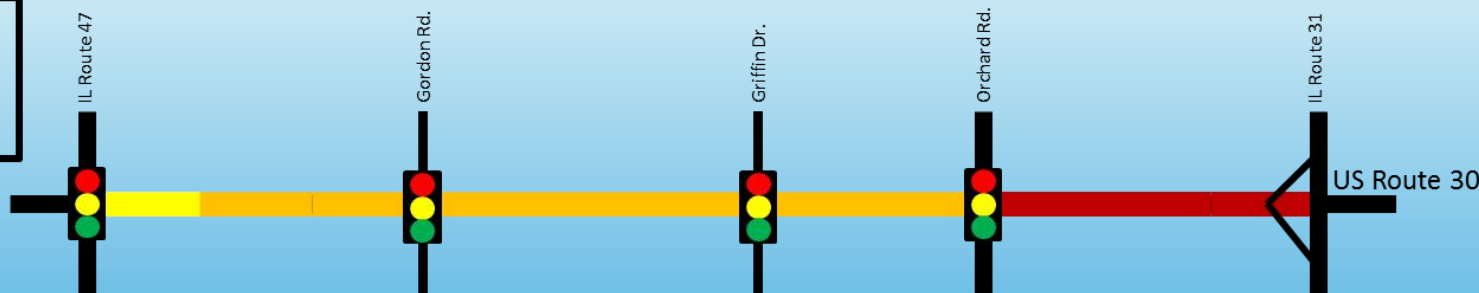
**F**

*Extreme Congestion*

Stop and go, bumper-to-bumper traffic. Passing on two-lane roadway is virtually impossible and opportunities for entering the roadway from a side road are extremely limited.

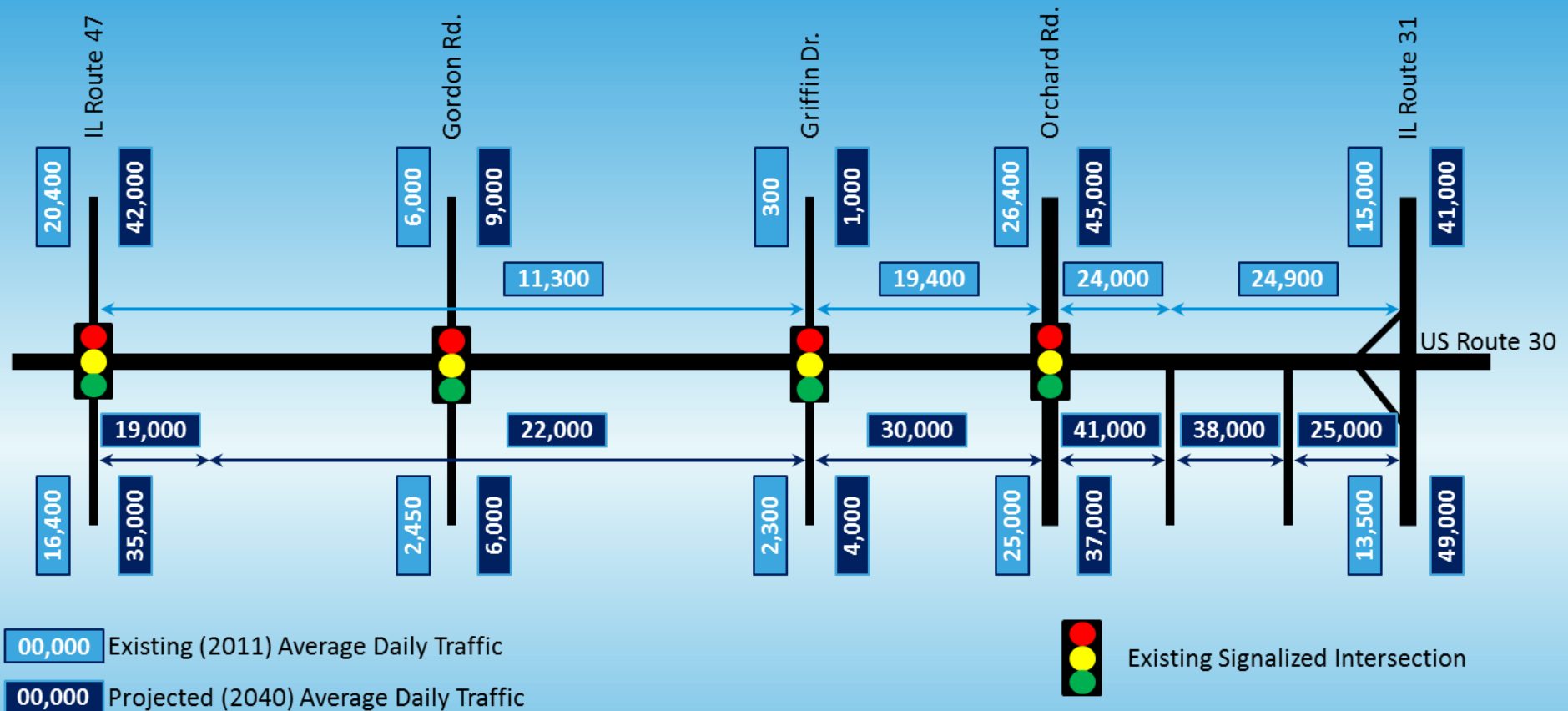
 Existing  
 Signalized  
 Intersection

**2040 No-Build Condition**





# Average Daily Traffic Volumes



# **Thank you for attending the US 30 (Baseline Road) IL 47 to IL 31 Public Meeting**

